



Installing PowerBook G4 Aluminum 17" 1.67 GHz (High-Res) Hard Drive Replacement

Tools used in this guide

- [Phillips #00 Screwdriver](#) (1)
- [Spudger](#) (1)
- [T8 Torx Screwdriver](#) (1)

Parts relevant to this guide

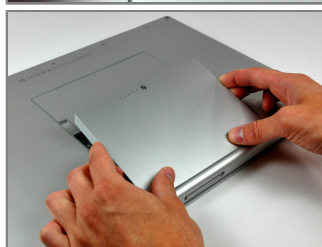
- [160 GB 5400 RPM Western Digital ATA Hard Drive \(New\)](#) (1)
- [250 GB 5400 RPM Western Digital ATA Hard Drive \(New\)](#) (1)
- [320 GB 5400 RPM Western Digital ATA Hard Drive \(New\)](#) (1)
- [G4 Aluminum 17" 1.67 GHz \(HR\) Hard Drive Bracket & Cable](#) (1)

Upgrade your hard drive for more storage space.



Step 1 - Battery

- Use your thumbs to push the two battery retaining tabs away from the battery.
- The battery should pop up enough to rotate it toward yourself and lift it out of the lower case.



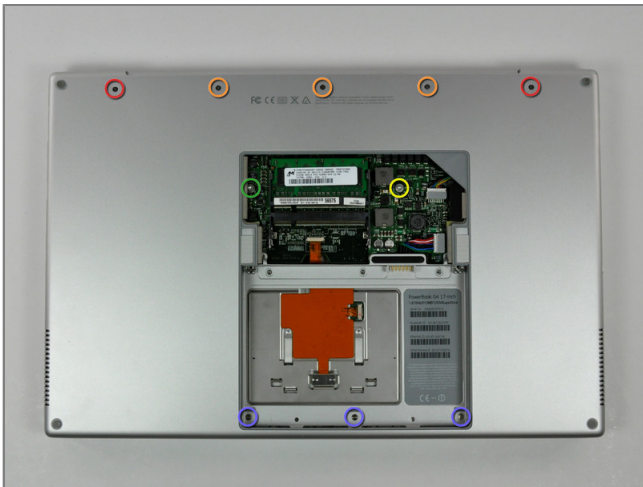
Step 2 - Memory Door

- Remove the three 2.3 mm Phillips screws securing the memory cover to the lower case.



Step 3

- Lift the memory cover slightly and pull it toward yourself to remove it from the lower case.

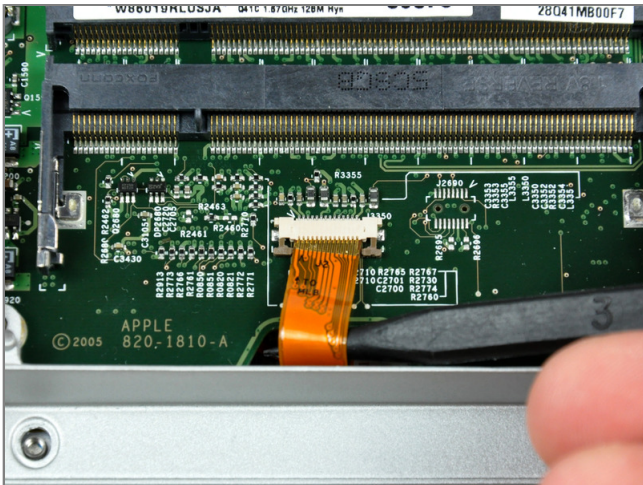


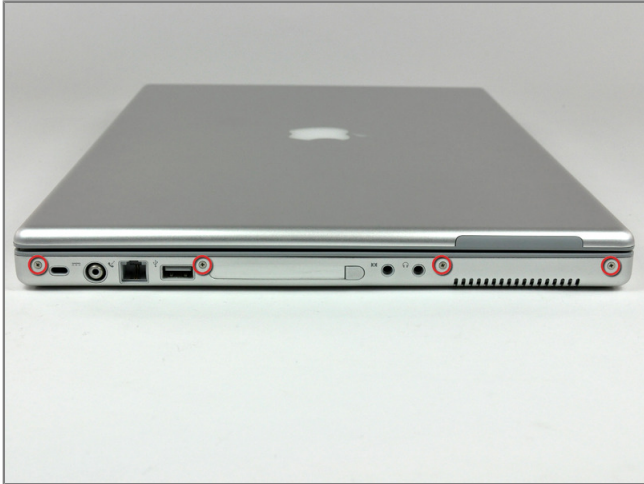
Step 4 - Upper Case

- Remove the following ten screws:
 - Two 14.7 mm shouldered Phillips.
 - Three 12.3 mm Phillips.
 - One 3.8 mm T8 Torx.
 - One 6.8 mm T8 Torx.
 - Three 1.3 mm Phillips.



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Step 7

- Remove the four 3.4 mm Phillips screws from the PC card side of the PowerBook.
- When replacing these screws, you must reinstall each screw in the correct order. Begin by installing the screw closest to the display hinge, and go out from there.



Step 8

- Remove the four 3.4 mm Phillips screws from the DVI connector side of the PowerBook.
- When replacing these screws, you must reinstall each screw in the correct order. Begin by installing the screw closest to the display hinge, and go out from there.
- During reassembly, make sure to reinstall the two screws on the right into their appropriate locations, and not the DVI port anchor holes.





Step 9

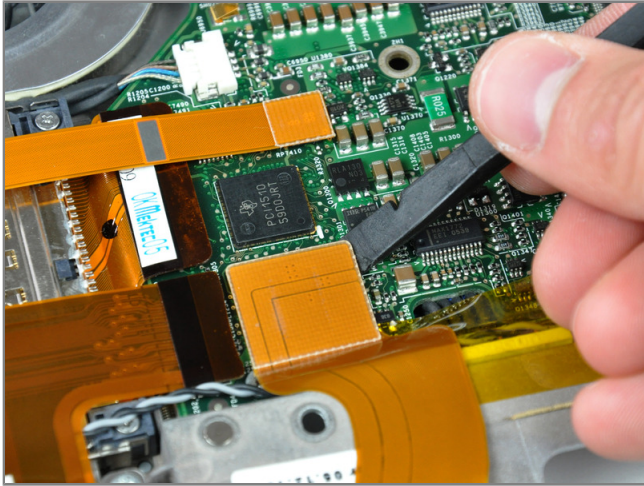
- Depress the display latch release button and open your display.



Step 10

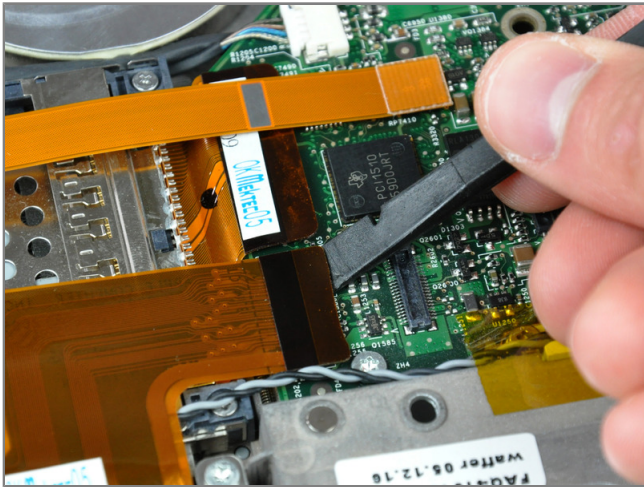
- Starting near the display, lift the upper case straight up off the lower case, minding any cables that may get caught.





Step 11 - Hard Drive

- Use the flat end of a spudger to pry the sound card ribbon cable connector up off the logic board.
- Move the sound card ribbon cable away from the face of the hard drive.
- It is not necessary to disconnect the sound card ribbon cable from the sound card.



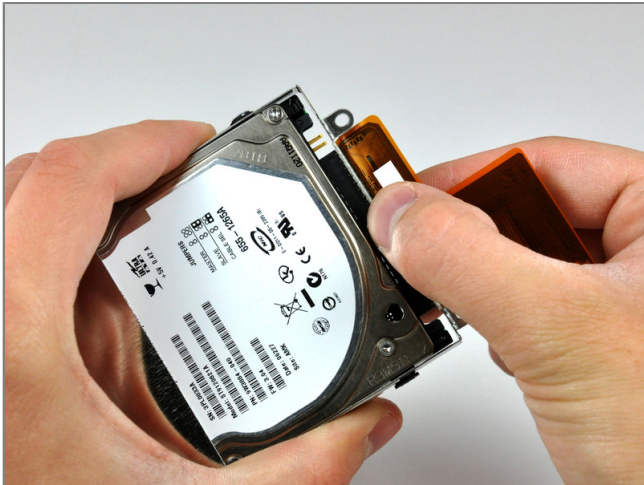
Step 12

- Use the flat end of a spudger to pry the hard drive ribbon cable connector up off the logic board.



Step 13

- Remove the following four screws:
 - Three 11.1 mm T8 Torx.
 - One 3.9 mm T8 Torx.
- Lift the hard drive out of the lower case.



Step 14 - Hard Drive Replacement

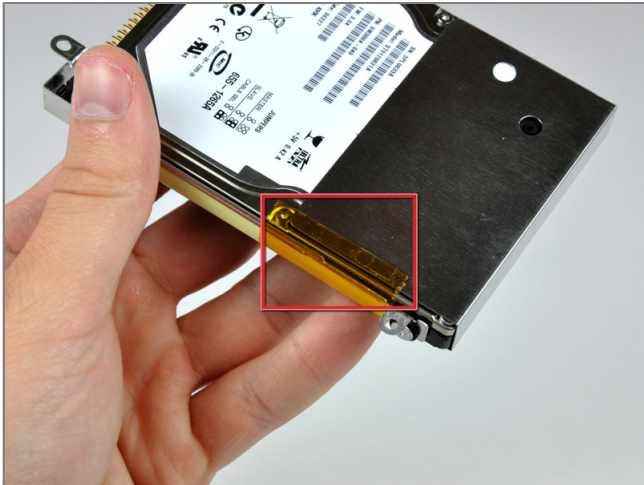
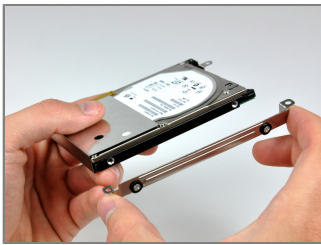
- Pull the hard drive cable straight away from the hard drive. It is helpful to wiggle the connector while pulling it away from the hard drive.
- If you happen to bend the hard drive pins during removal, use the connector as a guide to bend them straight.





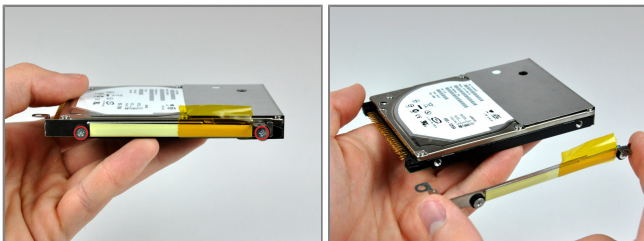
Step 15

- Remove the two Phillips screws from the right side of the hard drive.
- Pull the right hard drive bracket away from the hard drive.



Step 16

- If necessary, peel the piece of tape holding the left hard drive bracket to the hard drive shield off the hard drive shield.
- It is not necessary to completely remove this piece of tape.
- Remove the two Phillips screws from the left side of the hard drive.
- Pull the hard drive bracket away from the hard drive.





Step 17

- Use the flat end of a spudger to separate the adhesive holding the hard drive shield on the hard drive.



Step 18

- Pull the hard drive shield off the hard drive.

To reassemble your device, follow these instructions in reverse order.

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